



FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1823.0900000APPLICATION NO.  
10/631,890INVENTORS  
Gregory ZyzdrynFILING DATE  
August 1, 2003ART UNIT  
2621

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA1	2,500,017	03/1950	Allman			
	AB1	3,200,701	08/1965	White			
	AC1	3,475,588	10/1969	McMaster			
	AD1	3,482,498	12/1969	Becker			
	AE1	3,495,259	02/1970	Rocholl <i>et al.</i>			
	AF1	3,527,535	09/1970	Monroe			
	AG1	3,540,025	11/1970	Levin <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH1	0 101 772 A1	03/1984	EP			N/A
	AI1	0 308 162 A2 & A3	03/1989	EP			N/A
	AJ1	0 379 333 A1	07/1990	EP			N/A
	AK1	0 379 333 B1	07/1995	EP			N/A

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL1	Btt (Biometric Technology Today), Finger technologies contacts, 2 pages, date unknown (believed to be obtained before one year prior to August 1, 2003).
	AM1	Drake, M.D. <i>et al.</i> , "Waveguide hologram fingerprint entry device," <i>Optical Engineering</i> , Vol. 35, No. 9, September 1996, pp. 2499-2505.
	AN1	Roethenbaugh, G. (ed.), <i>Biometrics Explained</i> , 1998, ICSA, pp. 1-34.
	AO1	<i>Automated Identification Systems</i> (visited May 20, 1999) < <a href="http://www.trw.com/idsystems/bldgaccess2.html">http://www.trw.com/idsystems/bldgaccess2.html</a> >, 1 page, Copyright 1999.
	AP1	<i>Ultra-Scan Corporation Home Page</i> (visited May 20, 1999) < <a href="http://www.ultra-scan.com/index.htm">http://www.ultra-scan.com/index.htm</a> >, 3 pages. (discusses technology as early as 1996)
↓	AQ1	<i>Profile</i> (last updated August 16, 1998) < <a href="http://www.dermalog.de/Britain/Profile/profile.htm">http://www.dermalog.de/Britain/Profile/profile.htm</a> >, 3 pages. (discusses technology as early as 1990)

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/JS/	AA2	3,617,120	11/1971	Roka			
	AB2	3,699,519	10/1972	Campbell			
	AC2	3,906,520	09/1975	Phillips			
	AD2	3,947,128	03/1976	Weinberger <i>et al.</i>			
	AE2	3,968,476	07/1976	McMahon			
	AF2	3,975,711	08/1976	McMahon			
	AG2	4,032,975	06/1977	Malueg <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH2	0 623 890 A2 & A3	11/1994	EP			N/A
	AI2	0 623 890 B1	08/2001	EP			N/A
	AJ2	0 653 882 A1	05/1995	EP			N/A
	AK2	0 785 750 B1	06/1999	EP			N/A

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL2	ID-Card System Technical Specifications (last updated July 18, 1998) < <a href="http://dermalog.de/Britain/Products/ID-Card/idcard2.htm">http://dermalog.de/Britain/Products/ID-Card/idcard2.htm</a> >, 2 pages.
	AM2	Fujitsu Limited Products and Services (updated April 21, 1999) < <a href="http://www.fujitsu.co.jp/hypertext/Products/index-e.html">http://www.fujitsu.co.jp/hypertext/Products/index-e.html</a> >, 3 pages, Copyright 1995-1999.
	AN2	SonyDCam (visited May 20, 1999) < <a href="http://www.microsoft.com/DDK/ddkdocs/Win2k/sonydcam.htm">http://www.microsoft.com/DDK/ddkdocs/Win2k/sonydcam.htm</a> >, 3 pages, Copyright 1999.
	AO2	Verid Fingerprint Verification (visited May 17, 1999) < <a href="http://www.tssi.co.uk/products/finger.html">http://www.tssi.co.uk/products/finger.html</a> >, 2 pages.
	AP2	Startek's Fingerprint Verification Products: Fingerguard FG-40 (visited May 18, 1999) < <a href="http://www.startek.com.tw/product/fg40/fg40.html">http://www.startek.com.tw/product/fg40/fg40.html</a> >, 3 pages.
	AQ2	SAC Technologies Showcases Stand-Alone SAC-Remote(TM) (visited May 18, 1999) < <a href="http://www.pathfinder.com/money/latest/press/PW/1998Mar25/1026.html">http://www.pathfinder.com/money/latest/press/PW/1998Mar25/1026.html</a> >, 2 pages.

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/JS/	AA3	4,063,226	12/1977	Kozma <i>et al.</i>			
	AB3	4,120,585	10/1978	DePalma <i>et al.</i>			
	AC3	4,152,056	05/1979	Fowler			
	AD3	4,209,481	06/1980	Kashiro <i>et al.</i>			
	AE3	4,210,889	07/1980	Swonger <i>et al.</i>			
	AF3	4,253,086	02/1981	Szwarcblat			
	AG3	4,322,163	03/1982	Schiller			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH3	0 889 432 A2 & A3	01/1999	EP			N/A
	AI3	0 905 646 A1	03/1999	EP			N/A
	AJ3	0 924 656 A2	06/1999	EP			N/A
	AK3	2 089 545 A	06/1982	GB			N/A

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL3	"Biometrics, The Future Is Now," <i>www.securitymagazine.com</i> , May 1999, pp. 25-26.
	AM3	<i>Mytec Technologies Gateway</i> (visited April 27, 1999) < <a href="http://www.mytec.com/Products/Gateway/">http://www.mytec.com/Products/Gateway/</a> >, 1 page.
	AN3	<i>Mytec Technologies Gateway: Features &amp; Benefits</i> (visited April 27, 1999) < <a href="http://www.mytec.com/Products/Gateway/features.htm">http://www.mytec.com/Products/Gateway/features.htm</a> >, 1 page.
	AO3	<i>Mytec Technologies Touchstone Pro</i> (visited April 27, 1999) < <a href="http://www.mytec.com/Products/Touchstone/">http://www.mytec.com/Products/Touchstone/</a> >, 1 page.
	AP3	<i>Mytec Technologies Touchstone Pro: Features</i> (visited April 27, 1999) < <a href="http://www.mytec.com/Products/Touchstone/features.htm">http://www.mytec.com/Products/Touchstone/features.htm</a> >, 1 page.
	AQ3	<i>Electronic Timeclock Systems and Biometric Readers</i> (last updated April 17, 1999) < <a href="http://www.lfs-hr-bene.com/tclocks.html">http://www.lfs-hr-bene.com/tclocks.html</a> >, 1 page.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA4	4,414,684	11/1983	Blonder	<del>_____</del>	<del>_____</del>	
	AB4	4,537,484	08/1985	Fowler <i>et al.</i>	<del>_____</del>	<del>_____</del>	
	AC4	4,544,267	10/1985	Schiller	<del>_____</del>	<del>_____</del>	
	AD4	4,553,837	11/1985	Marcus	<del>_____</del>	<del>_____</del>	
	AE4	4,601,195	07/1986	Garritano	<del>_____</del>	<del>_____</del>	
	AF4	4,669,487	06/1987	Frieling	<del>_____</del>	<del>_____</del>	
	AG4	4,681,435	07/1987	Kubota <i>et al.</i>	<del>_____</del>	<del>_____</del>	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH4	2 313 441 A	11/1997	GB	<del>_____</del>	<del>_____</del>	N/A
	AI4	62-212892 A	09/1987	JP	<del>_____</del>	<del>_____</del>	No
	AJ4	1-205392 A	08/1989	JP	<del>_____</del>	<del>_____</del>	No
	AK4	3-161884 A	07/1991	JP	<del>_____</del>	<del>_____</del>	No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL4	<i>Fingerprint Time Clock</i> (visited May 17, 1999) < <a href="http://www.lfs-hr-bene.com/Biometrics/Fingerprintclock.html">http://www.lfs-hr-bene.com/Biometrics/Fingerprintclock.html</a> >, 6 pages.
	AM4	<i>KC-901: The KSI fingerprint sensor</i> (visited May 17, 1999) < <a href="http://www.kinetic.bc.ca/kc-901.html">http://www.kinetic.bc.ca/kc-901.html</a> >, 3 pages.
	AN4	<i>INTELNET INC.</i> (visited May 20, 1999) < <a href="http://www.intelgate.com/index.html">http://www.intelgate.com/index.html</a> >, 1 page, Copyright 1996.
	AO4	<i>Ver-i-Fus Fingerprint Access Control System</i> (visited May 20, 1999) < <a href="http://www.intelgate.com/verifus.htm">http://www.intelgate.com/verifus.htm</a> >, 2 pages. (Ver-i-fus product released in 1995)
	AP4	<i>Ver-i-fus<sup>®</sup> Configurations</i> (visited May 20, 1999) < <a href="http://www.intelgate.com/verconfig.htm">http://www.intelgate.com/verconfig.htm</a> >, 1 page. (Ver-i-fus product released in 1995)
	AQ4	<i>Ver-i-Fus<sup>®</sup> &amp; Ver-i-Fus<sup>mi</sup><sup>®</sup></i> (visited May 20, 1999) < <a href="http://www.intelgate.com/vif_data.htm">http://www.intelgate.com/vif_data.htm</a> >, 3 pages. (Ver-i-fus product released in 1995)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA5	4,684,802	08/1987	Hakenewerth <i>et al.</i>			
	AB5	4,701,772	10/1987	Anderson <i>et al.</i>			
	AC5	4,783,823	11/1988	Tasaki <i>et al.</i>			
	AD5	4,784,484	11/1988	Jensen			
	AE5	4,792,226	12/1988	Fishbine <i>et al.</i>			
	AF5	4,811,414	03/1989	Fishbine <i>et al.</i>			
	AG5	4,876,726	10/1989	Capello <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH5	3-194674 A	08/1991	JP			No
	AI5	3-194675 A	08/1991	JP			No
	AJ5	11-225272 A	08/1999	JP			No
	AK5	11-289421 A	10/1999	JP			No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL5	Access Control System Configurations (visited May 20, 1999) < <a href="http://www.intelgate.com/access.htm">http://www.intelgate.com/access.htm</a> >, 2 pages. (Ver-i-fus product released in 1995)
	AM5	Company (visited May 17, 1999) < <a href="http://www.instainfo.com/company.htm">http://www.instainfo.com/company.htm</a> >, 2 pages.
	AN5	TouchLock™ II Fingerprint Identity Verification Terminal (visited May 17, 1999) < <a href="http://www.identix.com/TLock.htm">http://www.identix.com/TLock.htm</a> >, 4 pages.
	AO5	Physical Security and Staff Tracking Solutions (visited May 17, 1999) < <a href="http://www.identix.com/products/biosecurity.html">http://www.identix.com/products/biosecurity.html</a> >, 3 pages, Copyright 1996-1998.
	AP5	Veriprint2000 Fingerprint Verification Terminal For Use With Jantek Time & Attendance Software (visited May 17, 1999) < <a href="http://www.hunterequipment.com/fingerprint.htm">http://www.hunterequipment.com/fingerprint.htm</a> >, 2 pages.
	AQ5	Veriprint Product Applications (visited April 27, 1999) < <a href="http://www.biometricid.com/uses.htm">http://www.biometricid.com/uses.htm</a> >, 1 page, Copyright 1999.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA6	4,905,293	02/1990	Asai <i>et al.</i>			
	AB6	4,924,085	05/1990	Kato <i>et al.</i>			
	AC6	4,933,976	06/1990	Fishbine <i>et al.</i>			
	AD6	4,942,482	07/1990	Kakinuma <i>et al.</i>			
	AE6	4,946,276	08/1990	Chilcott			
	AF6	4,995,086	02/1991	Lilley <i>et al.</i>			
	AG6	5,054,090	10/1991	Knight <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH6	WO 87/02491 A1	04/1987	PCT			N/A
	AI6	WO 90/03620 A1	04/1990	PCT			N/A
	AJ6	WO 92/11608 A1	07/1992	PCT			N/A
	AK6	WO 94/22371 A2 & A3	10/1994	PCT			N/A

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL6	<i>Bll Home Page</i> (visited April 27, 1999) < <a href="http://www.biometricid.com/homepage.htm">http://www.biometricid.com/homepage.htm</a> >, 1 page, Copyright 1999.
	AM6	<i>Veriprint 2100 Stand-Alone Fingerprint Verification Terminal</i> (visited April 27, 1999) < <a href="http://www.biometricid.com/veriprint2100.htm">http://www.biometricid.com/veriprint2100.htm</a> >, 3 pages.
	AN6	Randall, N., "A Serial Bus on Speed," <i>PC Magazine</i> , May 25, 1999, pp. 201-203.
	AO6	<i>The DERMALOG Check-ID</i> (visited November 12, 1999) < <a href="http://www.dermalog.de/ganzneu/products_check.html">http://www.dermalog.de/ganzneu/products_check.html</a> >, 1 page.
	AP6	<i>Check-ID Specifications and Features</i> (visited November 12, 1999) < <a href="http://www.dermalog.de/ganzneu/spec_check.html">http://www.dermalog.de/ganzneu/spec_check.html</a> >, 1 page, Copyright 1999.
	AQ6	<i>Startek's Fingerprint Verification Products: FingerFile 1050</i> (visited October 8, 1999) < <a href="http://www.startek.com.tw/product/ff1050/ff1050.html">http://www.startek.com.tw/product/ff1050/ff1050.html</a> >, 3 pages.

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/JS/	AA7	5,067,162	11/1991	Driscoll, Jr. <i>et al.</i>			
	AB7	5,067,749	11/1991	Land			
	AC7	5,131,038	07/1992	Puhl <i>et al.</i>			
	AD7	5,146,102	09/1992	Higuchi <i>et al.</i>			
	AE7	5,157,497	10/1992	Topper <i>et al.</i>			
	AF7	5,185,673	02/1993	Sobol			
	AG7	5,187,747	02/1993	Capello <i>et al.</i>			

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EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH7	WO 96/17480 A2 & A3	06/1996	PCT			N/A
	AI7	WO 97/29477 A1	08/1997	PCT			N/A
	AJ7	WO 97/41528 A1	11/1997	PCT			N/A
	AK7	WO 98/09246 A1	03/1998	PCT			No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL7	<i>Time is Money!</i> (visited June 5, 1998) < <a href="http://www.iaus.com/afim.htm">http://www.iaus.com/afim.htm</a> >, 3 pages.
	AM7	<i>LS 1 LiveScan Booking Workstation High Performance Finger &amp; Palm Scanning System</i> (visited June 4, 1998) < <a href="http://www.hbs-jena.com/l1.htm">http://www.hbs-jena.com/l1.htm</a> >, 6 pages, Copyright 1998.
	AN7	<i>Welcome to the Homepage of Heimann Biometric Systems GMBH</i> (visited June 4, 1998) < <a href="http://www.hbs-jena.com/">http://www.hbs-jena.com/</a> >, 1 page, Copyright 1998.
	AO7	<i>Heimann Biometric Systems Corporate Overview</i> (visited June 4, 1998) < <a href="http://www.hbs-jena.com/company.htm">http://www.hbs-jena.com/company.htm</a> >, 4 pages, Copyright 1998.
	AP7	<i>Remote Access Positive IDentification - raPID</i> (visited June 3, 1998) < <a href="http://www.nec.com/cgi-bin/showproduct.exe?pro...emote+Access+Positive+IDentification+%2D+raPID">http://www.nec.com/cgi-bin/showproduct.exe?pro...emote+Access+Positive+IDentification+%2D+raPID</a> >, 2 pages, Copyright 1997.
	AQ7	<i>Morpho DigiScan Cellular</i> (visited June 3, 1998) < <a href="http://www.morpho.com/products/law_enforcement/digiscan/cellular.htm">http://www.morpho.com/products/law_enforcement/digiscan/cellular.htm</a> >, 2 pages, Copyright 1998.

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/JS/	AA8	5,210,588	05/1993	Lee	1	1	
	AB8	5,222,152	06/1993	Fishbine <i>et al.</i>	1	1	
	AC8	5,222,153	06/1993	Beiswenger	1	1	
	AD8	5,230,025	07/1993	Fishbine <i>et al.</i>	1	1	
	AE8	5,233,404	08/1993	Lougheed <i>et al.</i>	1	1	
	AF8	5,249,370	10/1993	Stanger <i>et al.</i>	1	1	
	AG8	5,253,085	10/1993	Maruo <i>et al.</i>	1	1	

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	AH8	WO 98/12670 A1	03/1998	PCT	1	1	N/A
	AI8	WO 99/12123 A1	03/1999	PCT	1	1	N/A
	AJ8	WO 99/26187 A1	05/1999	PCT	1	1	N/A
	AK8	WO 99/40535 A1	08/1999	PCT	1	1	No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL8	A.F.I.S. (last updated April 2, 1998) < <a href="http://www.dermalog.de/afis.htm">http://www.dermalog.de/afis.htm</a> >, 2 pages.
	AM8	Morpho FlexScan™ Workstation (visited June 3, 1998) < <a href="http://www.morpho.com/products/law_enforcement/flexscan/">http://www.morpho.com/products/law_enforcement/flexscan/</a> >, 2 pages, Copyright 1998.
	AN8	True-ID® The LiveScan with special "ability"..., 2 pages, date unknown (believed to be obtained before one year prior to August 1, 2003).
	AO8	Printrak International: User List (visited June 3, 1998) < <a href="http://www.printrakinternational.com">http://www.printrakinternational.com</a> (and links)>, 10 pages, Copyright 1996.
	AP8	Live-Scan Products: Tenprinter® 1133S (visited April 23, 1999) < <a href="http://www.digitalbiometrics.com/Products/tenprinter.htm">http://www.digitalbiometrics.com/Products/tenprinter.htm</a> >, 4 pages. (Tenprinter 1133S released in 1996)
	AQ8	TouchPrint™ 600 Live-Scan System (visited April 23, 1999) < <a href="http://www.identix.com/products/livescan.htm">http://www.identix.com/products/livescan.htm</a> >, 4 pages, Copyright 1996-1998.

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2621

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA9	5,261,266	11/1993	Lorenz <i>et al.</i>			
	AB9	5,285,293	02/1994	Webb <i>et al.</i>			
	AC9	5,291,318	03/1994	Genovese			
	AD9	Des. 348,445	07/1994	Fishbine <i>et al.</i>			
	AE9	5,351,127	09/1994	King <i>et al.</i>			
	AF9	Des. 351,144	10/1994	Fishbine <i>et al.</i>			
	AG9	5,363,318	11/1994	McCauley			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH9	EP 0 650 137 A2 & A3	04/1995	EP			N/A
	AI9	63-137206 A	06/1988	JP			No
	AJ9	SU 1769854 A1	10/1992	Russia			No
	AK9						

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL9	Systems for Live-Scan Fingerprinting, Digital Biometrics, Inc., 8 pages, Copyright 1998.
	AM9	DBI FingerPrinter CMS™, Digital Biometrics, Inc., 5 pages. (CMS™ released in 1998)
	AN9	Fingerscan V20, Identix Incorporated, 1 page, Copyright 1999.
	AO9	Verid® Fingerprint Reader, TSSI, 4 pages, date unknown (believed to be obtained before one year prior to August 1, 2003).
	AP9	Response to Request for Information, Cross Match Technologies, Inc., 13 pages, April 14, 1999.
	AQ9	Startek's Fingerprint Verification Products (visited November 17, 1999) < <a href="http://www.startek.com.tw/product/index.html">http://www.startek.com.tw/product/index.html</a> >, 1 page.

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FORM PTO-1449  
**INFORMATION DISCLOSURE STATEMENT**

ATTY. DOCKET NO.

1823.0900000

APPLICATION NO.

10/631,890

INVENTORS

Gregory Zyzdryn

FILING DATE

August 1, 2003

ART UNIT

2621

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA10	5,384,621	01/1995	Hatch <i>et al.</i>			
	AB10	5,412,463	05/1995	Sibbald <i>et al.</i>			
	AC10	5,416,573	05/1995	Sartor, Jr.			
	AD10	5,448,649	09/1995	Chen <i>et al.</i>			
	AE10	5,467,403	11/1995	Fishbine <i>et al.</i>			
	AF10	5,469,506	11/1995	Berson <i>et al.</i>			
	AG10	5,471,240	11/1995	Prager <i>et al.</i>			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH10						
	AI10						
	AJ10						
	AK10						

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AL10	Introduction to Startek's Fingerprint Verification Products (visited November 17, 1999) < <a href="http://www.startek.com.tw/product/index2.html">http://www.startek.com.tw/product/index2.html</a> >, 2 pages.
	AM10	Automatic Fingerprint Identification Systems (visited November 17, 1999) < <a href="http://www.sagem.com/en/produit4-en/empreinte-dig-en.htm">http://www.sagem.com/en/produit4-en/empreinte-dig-en.htm</a> >, 1 page.
	AN10	Digital Biometrics Corporate Information (visited November 17, 1999) < <a href="http://www.digitalbiometrics.com/Corporate_info/Corporate_info.htm">http://www.digitalbiometrics.com/Corporate_info/Corporate_info.htm</a> >, 2 pages. (discusses technology as early as 1985)
	AO10	DBI Live-Scan Products: Digital Biometrics TENPRINTER® (visited November 17, 1999) < <a href="http://www.digitalbiometrics.com/products/tenprinter.htm">http://www.digitalbiometrics.com/products/tenprinter.htm</a> >, 4 pages. (Tenprinter released in 1996)
	AP10	DBI Live-Scan Products: NETWORKING OPTIONS (visited November 17, 1999) < <a href="http://www.digitalbiometrics.com/products/networking_options.htm">http://www.digitalbiometrics.com/products/networking_options.htm</a> >, 3 pages.
	AQ10	DBI Live-Scan Products: Digital Biometrics FingerPrinter CMS™ (visited November 17, 1999) < <a href="http://www.digitalbiometrics.com/products/FingerPrinterCMS.htm">http://www.digitalbiometrics.com/products/FingerPrinterCMS.htm</a> >, 3 pages. (CMS™ released in 1998)

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FORM PTO-1449

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10/631,890INVENTORS  
Gregory ZyzdrynFILING DATE  
August 1, 2003ART UNIT  
2621

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA11	5,473,144	12/1995	Mathurin, Jr.			
	AB11	5,483,601	01/1996	Faulkner			
	AC11	5,509,083	04/1996	Abtahi <i>et al.</i>			
	AD11	5,517,528	05/1996	Johnson			
	AE11	5,528,355	06/1996	Maase <i>et al.</i>			
	AF11	5,548,394	08/1996	Giles <i>et al.</i>			
	AG11	5,591,949	01/1997	Bernstein			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH11						
	AI11						
	AJ11						
	AK11						

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL11	DBI Live-Scan Products: Image Printer Stations (visited November 17, 1999) < <a href="http://www.digitalbiometrics.com/products/imageprinter.htm">http://www.digitalbiometrics.com/products/imageprinter.htm</a> >, 2 pages.
	AM11	DBI Live-Scan Products: FC-21 <sup>TM</sup> Fingerprint Capture Station (visited November 17, 1999) < <a href="http://www.digitalbiometrics.com/products/fingerprintcapture.htm">http://www.digitalbiometrics.com/products/fingerprintcapture.htm</a> >, 2 pages.
	AN11	Series 400 OEM Scanner (visited November 17, 1999) < <a href="http://www.ultra-scan.com/400.htm">http://www.ultra-scan.com/400.htm</a> >, 3 pages. (Scanner released in 1996)
	AO11	USC Scanner Design (visited November 17, 1999) < <a href="http://www.ultra-scan.com/scanner.htm">http://www.ultra-scan.com/scanner.htm</a> >, 4 pages. (Scanner released in 1996)
	AP11	Series 500/600 Scanners (visited November 17, 1999) < <a href="http://www.ultra-scan.com/500.htm">http://www.ultra-scan.com/500.htm</a> >, 3 pages. (Scanner released in 1996)
↓	AQ11	Series 700 ID Station (visited November 17, 1999) < <a href="http://www.ultra-scan.com/700.htm">http://www.ultra-scan.com/700.htm</a> >, 3 pages. (Scanner released in 1998)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA12	5,596,454	01/1997	Hebert	<del>_____</del>	<del>_____</del>	
	AB12	5,598,474	01/1997	Johnson	<del>_____</del>	<del>_____</del>	
	AC12	5,613,014	03/1997	Eshera <i>et al.</i>	<del>_____</del>	<del>_____</del>	
	AD12	5,615,277	03/1997	Hoffman	<del>_____</del>	<del>_____</del>	
	AE12	5,625,448	04/1997	Ranalli <i>et al.</i>	<del>_____</del>	<del>_____</del>	
	AF12	5,640,422	06/1997	Johnson	<del>_____</del>	<del>_____</del>	
	AG12	5,649,128	07/1997	Hartley	<del>_____</del>	<del>_____</del>	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH12						
	AI12						
	AJ12						
	AK12						

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL12	<i>Identix: The Corporation</i> (visited November 17, 1999) < <a href="http://www.identix.com/corporate/home.htm">http://www.identix.com/corporate/home.htm</a> >, 2 pages, Copyright 1996-1998.
	AM12	<i>Biometric Imaging Products</i> (visited November 17, 1999) < <a href="http://www.identix.com/products/bioimage.htm">http://www.identix.com/products/bioimage.htm</a> >, 1 page, Copyright 1996-1998.
	AN12	<i>TouchPrint™ 600 Live-Scan System</i> (visited April 23, 1999) < <a href="http://www.identix.com/products/livescan.htm">http://www.identix.com/products/livescan.htm</a> >, 4 pages, Copyright 1996-1998.
	AO12	<i>TouchPrint™ 600 Palm Scanner</i> (visited November 17, 1999) < <a href="http://www.identix.com/products/palmscan.htm">http://www.identix.com/products/palmscan.htm</a> >, 3 pages, Copyright 1996-1998.
	AP12	<i>TouchPrint™ 600 Card Scan System</i> (visited November 17, 1999) < <a href="http://www.identix.com/products/cardscan.htm">http://www.identix.com/products/cardscan.htm</a> >, 3 pages, Copyright 1996-1998.
↓	AQ12	<i>DERMALOG KEY - The safest and easiest way of access control</i> (last updated July 18, 1998) < <a href="http://www.dermalog.de/Britain/Products/Key/key.htm">http://www.dermalog.de/Britain/Products/Key/key.htm</a> >, 1 page.

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2621

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA13	5,650,842	07/1997	Maase <i>et al.</i>			
	AB13	5,661,451	08/1997	Pollag			
	AC13	5,680,205	10/1997	Borza			
	AD13	5,689,529	11/1997	Johnson			
	AE13	5,717,777	02/1998	Wong <i>et al.</i>			
	AF13	5,729,334	03/1998	Van Ruyven			
	AG13	5,736,734	04/1998	Marcus <i>et al.</i>			

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EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH13						
	AI13						
	AJ13						
	AK13						

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL13	DERMALOG FINGER-ID Your small size solution for high security (last updated July 18, 1998) < <a href="http://www.dermalog.de/Britain/Products/Finger/fingerid.htm">http://www.dermalog.de/Britain/Products/Finger/fingerid.htm</a> >, 1 page.
	AM13	Mytec: Corporate (visited November 17, 1999) < <a href="http://www.mytec.com/corporate/">http://www.mytec.com/corporate/</a> >, 2 pages.
	AN13	Kinetic Sciences Inc. Fingerprint Biometrics Division (visited November 17, 1999) < <a href="http://www.kinetic.bc.ca/main-FPB.html">http://www.kinetic.bc.ca/main-FPB.html</a> >, 1 page.
	AO13	Fingerprint Biometrics: Securing The Next Generation, May 19, 1999, (visited November 17, 1999) < <a href="http://www.secugen.com/pressrel.htm">http://www.secugen.com/pressrel.htm</a> >, 2 pages.
	AP13	SecuGen Unveils Fully Functional Fingerprint Recognition Solutions, May 11, 1999, (visited November 17, 1999) < <a href="http://www.secugen.com/pressrel.htm">http://www.secugen.com/pressrel.htm</a> >, 3 pages.
↓	AQ13	POLLEX Technology Ltd., The Expert in Fingerprint Identification - POLLog (visited November 17, 1999) < <a href="http://www.pollex.ch/english/products/pollog.htm">http://www.pollex.ch/english/products/pollog.htm</a> >, 2 pages.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA14	5,745,684	04/1998	Oskouy <i>et al.</i>			
	AB14	5,748,766	05/1998	Maase <i>et al.</i>			
	AC14	5,748,768	05/1998	Sivers <i>et al.</i>			
	AD14	5,755,748	05/1998	Borza			
	AE14	5,757,278	05/1998	Itsumi			
	AF14	5,767,989	06/1998	Sakaguchi			
	AG14	5,778,089	07/1998	Borza			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH14						
	AI14						
	AJ14						
	AK14						

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL14	Sony Fingerprint Identification Terminal (visited November 17, 1999) < <a href="http://www.iosoftware.com/biosols/sony/fiu/applications/fit100.htm">http://www.iosoftware.com/biosols/sony/fiu/applications/fit100.htm</a> >, 2 pages.
	AM14	Sony Fingerprint Identification Unit (FIU-700) (visited November 17, 1999) < <a href="http://www.iosoftware.com/biosols/sony/fiu70/index.htm">http://www.iosoftware.com/biosols/sony/fiu70/index.htm</a> >, 2 pages. (Unit available late 1999)
	AN14	Sony Fingerprint Identification Unit (visited November 17, 1999) < <a href="http://www.iosoftware.com/biosols/sony/fiu/index.htm">http://www.iosoftware.com/biosols/sony/fiu/index.htm</a> >, 3 pages.
	AO14	Fujitsu Fingerprint Recognition Device (FPI-550) (visited November 17, 1999) < <a href="http://www.iosoftware.com/biosols/fujitsu/fpi550.htm">http://www.iosoftware.com/biosols/fujitsu/fpi550.htm</a> >, 2 pages.
	AP14	Mitsubishi MyPass LP-1002 (visited November 17, 1999) < <a href="http://www.iosoftware.com/biosols/mitsubishi/mypass.htm">http://www.iosoftware.com/biosols/mitsubishi/mypass.htm</a> >, 2 pages.
	AQ14	SecureTouch PV - A Personal "Password Vault" (visited November 17, 1999) < <a href="http://www.biometricaccess.com/securetouch_pv.htm">http://www.biometricaccess.com/securetouch_pv.htm</a> >, 1 page.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA15	5,781,647	07/1998	Fishbine <i>et al.</i>			
	AB15	5,793,218	08/1998	Oster <i>et al.</i>			
	AC15	5,801,681	09/1998	Sayag			
	AD15	5,805,777	09/1998	Kuchta			
	AE15	5,809,172	09/1998	Melen			
	AF15	5,812,067	09/1998	Bergholz <i>et al.</i>			
	AG15	5,815,252	09/1998	Price-Francis			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH15						
	AI15						
	AJ15						
	AK15						

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL15	Digital Descriptor Systems, Inc.-Profile (visited November 17, 1999) < <a href="http://www.ddsi-cpc.com/pages/profile.html">http://www.ddsi-cpc.com/pages/profile.html</a> >, 3 pages.
	AM15	Press Release: Printrak International Announces New Portable Fingerprint ID Solution, December 10, 1996, (visited November 17, 1999) < <a href="http://www.scott.net/~dg/25.htm">http://www.scott.net/~dg/25.htm</a> >, 3 pages.
	AN15	Corporate Profile (visited November 17, 1999) < <a href="http://www.pintrakininternational.com/corporate.htm">http://www.pintrakininternational.com/corporate.htm</a> >, 1 page.
	AO15	Printrak Products (visited November 17, 1999) < <a href="http://www.pintrakininternational.com/Products.htm">http://www.pintrakininternational.com/Products.htm</a> >, 1 page. (discusses technology as early as 1974)
	AP15	Verifier™ 200 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.
	AQ15	Verifier 200 Direct Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.

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/JS/	AA16	5,818,956	10/1998	Tuli	<del>          </del>	<del>          </del>	
	AB16	5,822,445	10/1998	Wong	<del>          </del>	<del>          </del>	
	AC16	5,825,005	10/1998	Behnke	<del>          </del>	<del>          </del>	
	AD16	5,825,474	10/1998	Maase	<del>          </del>	<del>          </del>	
	AE16	5,828,773	10/1998	Setlak <i>et al.</i>	<del>          </del>	<del>          </del>	
	AF16	5,832,244	11/1998	Jolley <i>et al.</i>	<del>          </del>	<del>          </del>	
	AG16	5,848,231	12/1998	Teitelbaum <i>et al.</i>	<del>          </del>	<del>          </del>	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH16						
	AI16						
	AJ16						
	AK16						

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL16	Verifier™ 250 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.
	AM16	Verifier 250 Small Footprint Direct Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.
	AN16	Verifier™ 290 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.
	AO16	Verifier 290 Direct Rolled Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.
	AP16	Verifier™ 500 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1998.
↓	AQ16	Biometric terminal, 1 page, date unknown (believed to be obtained before one year prior to August 1, 2003).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA17	5,855,433	01/1999	Velho et al.			
	AB17	5,859,420	01/1999	Borza			
	AC17	5,859,710	01/1999	Hannah			
	AD17	5,862,247	01/1999	Fisun et al.			
	AE17	5,867,802	02/1999	Borza			
	AF17	5,869,822	02/1999	Meadows, II et al.			
	AG17	5,872,834	02/1999	Teitelbaum			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH17						
	AI17						
	AJ17						
	AK17						

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL17	10-Print Imaging System, Cross Check Corporation, 2 pages, 1998.
	AM17	Cross Match Technologies, Inc. (visited March 25, 1999) < <a href="http://www.crossmatch.net/">http://www.crossmatch.net/</a> >, 1 page.
	AN17	Cross Match Technologies, Inc. - Products Overview (visited March 25, 1999) < <a href="http://www.crossmatch.net/new/products/product-index.html">http://www.crossmatch.net/new/products/product-index.html</a> >, 1 page.
	AO17	Cross Match Technologies, Inc. - Law Enforcement Systems (visited March 25, 1999) < <a href="http://www.crossmatch.net/new/law/law-index.html">http://www.crossmatch.net/new/law/law-index.html</a> >, 2 pages.
	AP17	Cross Match Technologies, Inc. - Commercial Systems: Building On The Standard (visited March 25, 1999) < <a href="http://www.crossmatch.net/new/commercial/commercial-index.html">http://www.crossmatch.net/new/commercial/commercial-index.html</a> >, 2 pages.
	AQ17	Cross Match Technologies, Inc. - International Sales (visited March 25, 1999) < <a href="http://www.crossmatch.net/new/sales/sales-index.html">http://www.crossmatch.net/new/sales/sales-index.html</a> >, 1 page.

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				FILING DATE August 1, 2003		ART UNIT 2621	
				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA18	5,892,599	04/1999	Bahuguna			
	AB18	5,900,993	05/1999	Betensky			
	AC18	5,907,627	05/1999	Borza			
	AD18	5,920,384	07/1999	Borza			
	AE18	5,920,640	07/1999	Salatino <i>et al.</i>			
	AF18	5,928,347	07/1999	Jones			
	AG18	5,942,761	08/1999	Tuli			
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	AI18						
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL18	Cross Match Technologies, Inc. - Support (visited March 25, 1999) < <a href="http://www.crossmatch.net/new/support/support-index.html">http://www.crossmatch.net/new/support/support-index.html</a> >, 1 page.					
	AM18	Cross Match Technologies, Inc. - News - Press Releases - Verifier 400 Press Release (visited March 25, 1999) < <a href="http://www.crossmatch.net/new/news/news-pr-050798.html">http://www.crossmatch.net/new/news/news-pr-050798.html</a> >, 1 page.					
	AN18	Global Security Fingerscan™ System Overview (visited January 11, 2000) < <a href="http://wwwu-net.com/mbp/sol/g/a9.htm">http://wwwu-net.com/mbp/sol/g/a9.htm</a> >, 12 pages.					
	AO18	"Command Structure for a Low-Cost (Primitive) Film Scanner," IBM Technical Disclosure Bulletin, IBM Corp., Vol. 35, No. 7, December 1992, pp. 113-121.					
	AP18	Fingerprint Scan API Toolkit Version 1.x Feature List (April 26, 2000) < <a href="http://www.mentalix.com/api/archive_fapiv1.htm">http://www.mentalix.com/api/archive_fapiv1.htm</a> >, 3 pages.					
	AQ18	"Image Acquisition System," IBM Technical Disclosure Bulletin, IBM Corp., Vol. 29, No. 5, October 1986, pp. 1928-1931 (3 actual pages).					
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FORM PTO-1449

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10/631,890INVENTORS  
Gregory ZyzdrynFILING DATE  
August 1, 2003ART UNIT  
2621

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/JS/	AA19	5,946,135	08/1999	Auerswald <i>et al.</i>			
	AB19	5,960,100	09/1999	Hargrove			
	AC19	5,973,731	10/1999	Schwab			
	AD19	5,974,162	10/1999	Metz <i>et al.</i>			
	AE19	5,987,155	11/1999	Dunn <i>et al.</i>			
	AF19	5,991,467	11/1999	Kamiko			
	AG19	5,995,014	11/1999	DiMaria			

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	AL19	Kunzman, Adam J. and Wetzel, Alan T., "1394 High Performance Serial Bus: The Digital Interface for ATV," <i>IEEE Transactions on Consumer Electronics</i> , IEEE, Vol. 41, No. 3, August 1995, pp. 893-900.
	AM19	<i>Mentalix Provides The First IAFIS-Certified Latent Print Scanning Solution For Windows®</i> (July 23, 1999) < <a href="http://www.mentalix.com/pressreleases/fprintplook3_prel.htm">http://www.mentalix.com/pressreleases/fprintplook3_prel.htm</a> >, 2 pages.
	AN19	Sluijs, F. et al., "An On-chip USB-powered Three-Phase Up/down DC/DC Converter in a Standard 3.3V CMOS Process," <i>2000 IEEE International Solid-State Circuits Conference</i> , IEEE, February 9, 2000, pp. 440-441.
	AO19	Venot, A. et al., "Automated Comparison of Scintigraphic Images," <i>Journal of Nuclear Medicine</i> , Vol. 27, No. 8, August 1986, pp. 1337-1342.
	AP19	English-language Abstract for Japanese Patent Publication No. 59-103474, published June 14, 1984, printed from espacenet.com, 1 page.
	AQ19	English-language Abstract for Japanese Patent Publication No. 62-212892, published September 18, 1987, printed from espacenet.com, 1 page.

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/JS/	AA20	5,999,307	12/1999	Whitehead <i>et al.</i>			
	AB20	6,018,739	01/2000	McCoy <i>et al.</i>			
	AC20	6,023,522	02/2000	Draganoff <i>et al.</i>			
	AD20	6,038,332	03/2000	Fishbine <i>et al.</i>			
	AE20	6,041,372	03/2000	Hart <i>et al.</i>			
	AF20	6,055,071	04/2000	Kuwata <i>et al.</i>			
	AG20	6,064,398	05/2000	Ellenby <i>et al.</i>			

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	AL20	English-language Abstract for Japanese Patent Publication No. 1-205392, published August 17, 1989, printed from espacenet.com, 1 page.
	AM20	English-language Abstract for Japanese Patent Publication No. 3-161884, published July 11, 1991, printed from espacenet.com, 1 page.
	AN20	English-language Abstract for Japanese Patent Publication No. 3-194674, published August 26, 1991, printed from espacenet.com, 1 page.
	AO20	English-language Abstract for Japanese Patent Publication No. 3-194675, published August 26, 1991, printed from espacenet.com, 1 page.
	AP20	English-language Abstract for Japanese Patent Publication No. 10-079017, published March 24, 1998, printed from espacenet.com, 1 page.
	AQ20	English-language Abstract for Japanese Patent Publication No. 10-262071, published September 29, 1998, printed from espacenet.com, 1 page.

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/JS/	AA21	6,064,753	05/2000	Bolle <i>et al.</i>			
	AB21	6,064,779	05/2000	Neukermans <i>et al.</i>			
	AC21	6,072,891	06/2000	Hamid <i>et al.</i>			
	AD21	6,075,876	06/2000	Draganoff			
	AE21	6,078,265	06/2000	Bonder <i>et al.</i>			
	AF21	6,088,585	07/2000	Schmitt <i>et al.</i>			
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	AL21	English-language Abstract for Japanese Patent Publication No. 11-167630, published June 22, 1999, printed from espacenet.com, 1 page.
	AM21	English-language Abstract for Japanese Patent Publication No. 11-225272, published August 17, 1999, printed from espacenet.com, 1 page.
	AN21	English-language Abstract for Japanese Patent Publication No. 11-252489, published September 17, 1999, printed from espacenet.com, 1 page.
	AO21	English-language Abstract for Japanese Patent Publication No. 11-289421, published October 19, 1999, printed from espacenet.com, 1 page.
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/JS/	AA22	6,104,809	08/2000	Berson <i>et al.</i>	<del>_____</del>	<del>_____</del>	
	AB22	6,115,484	09/2000	Bowker <i>et al.</i>	<del>_____</del>	<del>_____</del>	
	AC22	6,122,394	09/2000	Neukermans <i>et al.</i>	<del>_____</del>	<del>_____</del>	
	AD22	6,144,408	11/2000	MacLean	<del>_____</del>	<del>_____</del>	
	AE22	6,150,665	11/2000	Suga	<del>_____</del>	<del>_____</del>	
	AF22	6,154,285	11/2000	Teng <i>et al.</i>	<del>_____</del>	<del>_____</del>	
	AG22	6,162,486	12/2000	Samouilhan <i>et al.</i>	<del>_____</del>	<del>_____</del>	

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	AL22	ID 1500™ Palm Print Live Scan System, Cross Match Technologies, Inc., Copyright 2000, 2 pages.
	AM22	Proposed National Plan - Flat Fingerprint Based Applicant Background Checks (Draft), Public Safety Strategy Subcommittee, January 21, 2001, page 1-5 and A-1 through A-12.
	AN22	Ratha, N.K. <i>et al.</i> , "Fingerprint Image Quality Estimation," <i>IBM Research Report</i> , December 1999, pp. 1-5.
	AO22	International Search Report and Written Opinion, from PCT Appl. No. PCT/US2004/024416, filed July 30, 2004, 13 pages, mailed December 6, 2004.
	AP22	English language Abstract of Japanese Patent Publication No. 63-137206 A, published June 9, 1988, from the Japan Patent Office, 2 pages.
	AQ22	English translation of Russian Patent No. SU 1769854 A1, published October 23, 1992, 3 pages.

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FORM PTO-1449

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	AB23	6,178,255 B1	01/2001	Scott <i>et al.</i>			
	AC23	6,195,447 B1	02/2001	Ross			
	AD23	6,198,836 B1	03/2001	Hauke			
	AE23	6,204,331 B1	03/2001	Sullivans <i>et al.</i>			
	AF23	6,259,108 B1	07/2001	Antonelli <i>et al.</i>			
	AG23	6,272,562 B1	08/2001	Scott <i>et al.</i>			

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FORM PTO-1449

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	AB24	6,327,047 B1	12/2001	Motamed			
	AC24	6,347,163 B2	02/2002	Roustaei			
	AD24	2001/0036301 A1	11/2001	Yamaguchi <i>et al.</i>			
	AE24	2002/0030668 A1	03/2002	Hoshino <i>et al.</i>			
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	INVENTORS Gregory Zyzdryn	
	FILING DATE August 1, 2003	ART UNIT 2621

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA25	5,926,555	07/1999	Ort <i>et al.</i>			
	AB25	6,282,302 B1	08/2001	Hara			
	AC25	3,743,421	07/1973	Maloney			
	AD25	3,944,978	03/1976	Jensen <i>et al.</i>			
	AE25	4,336,998	06/1982	Ruell			
	AF25	4,358,677	11/1982	Ruell <i>et al.</i>			
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2621**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA26	5,177,353	01/1993	Schiller			
	AB26	5,726,443	03/1998	Immega <i>et al.</i>			
	AC26	6,000,224	12/1999	Foye			
	AD26	6,240,200 B1	05/2001	Wendt <i>et al.</i>			
	AE26	6,355,937 B2	03/2002	Antonelli <i>et al.</i>			
	AF26	6,404,904 B1	06/2002	Einighammer <i>et al.</i>			
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	AC27	6,643,390 B1	11/2003	Clark <i>et al.</i>	1	1	04/19/2000
	AD27	2002/0106115 A1	08/2002	Rajbenbach <i>et al.</i>	1	1	
	AE27	2003/0012417 A1	01/2003	Hamid	1	1	
	AF27	2003/0089703 A1	05/2003	Carver <i>et al.</i>	1	1	
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